

model kartonowy

1:25

MODELIK

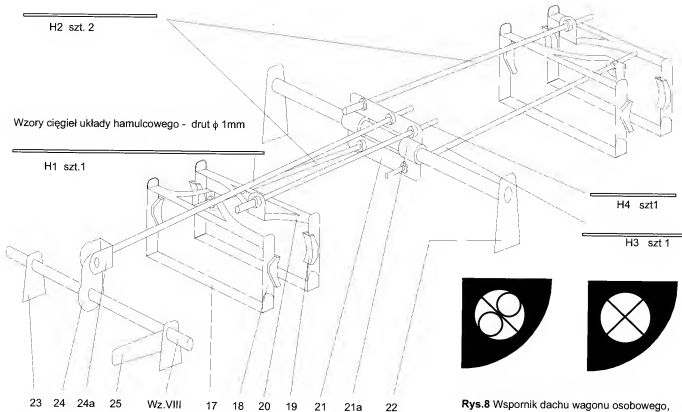
Rok VII (XIV)

Nr 16/03

ISSN 1428-3840

POCIĄG WĄSKOTOROWY KOLEI WILANOWSKIEJ
z przełomu XIX / XX wieku



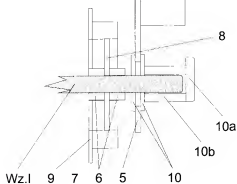


Rys.6 Układ hamulcowy wagonu osobowego

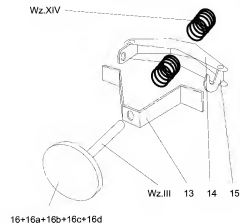


Rys.8 Wspornik dachu wagonu osobowego, przykładowe wzory wypełnień ozdobnych

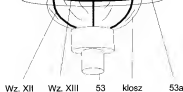




Rys.4 Koło i maźnice (wagony osobowe, kryty i węglarka - identyczne)



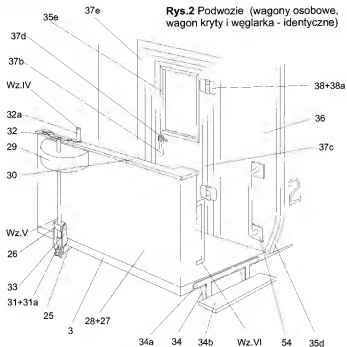
Rys.7 Urządzenie ciągowo-zderzne (wszystkie wagony jednakowo)



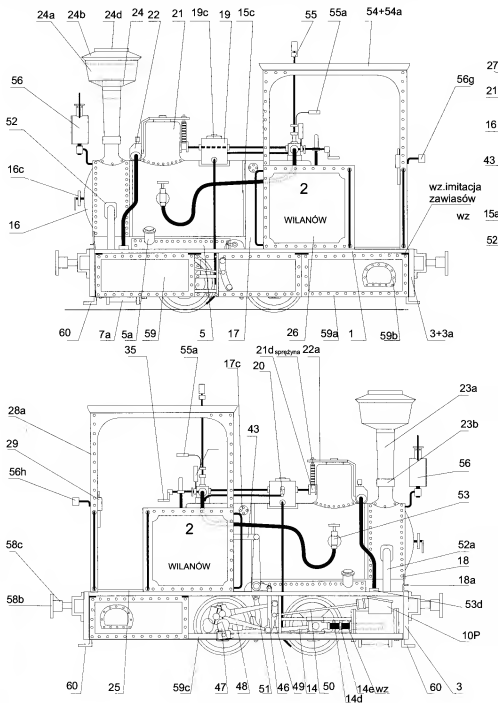
Rys.11 Lampa naftowa oświetlenia wnętrza wagonu osobowego

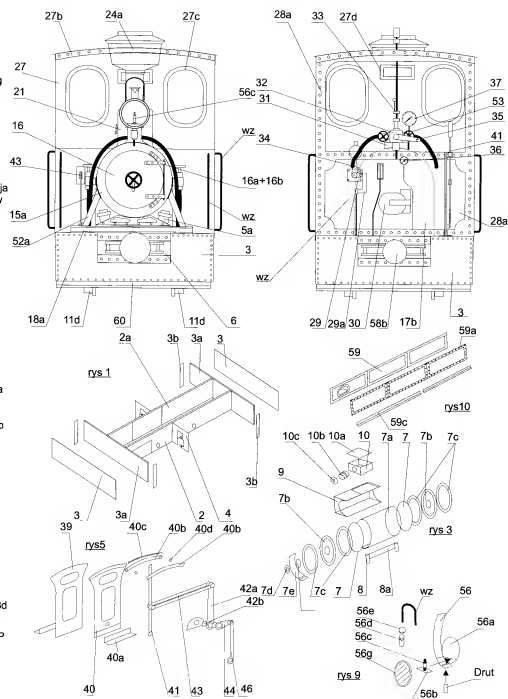


Rys.2 Podwozie (wagony osobowe, wagon kryty i węglarka - identyczne)



Rys.5 Pomost wagonu osobowego





6

Wz.

58

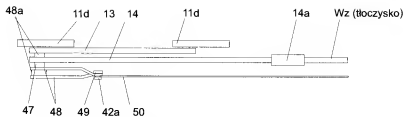
58a

57

Wz.

58b

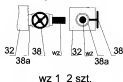
51a



Rozrząd kulisowy Stephensona - widok z góry (strona prawa)

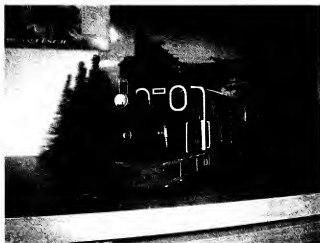
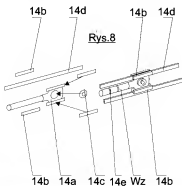
Wzór-wał stawidłowy

Rys.13

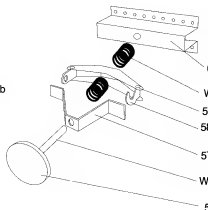
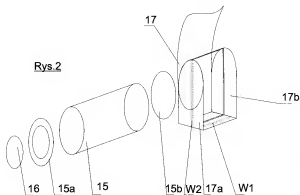


oś

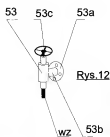
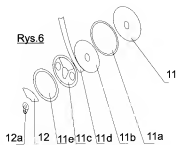
Rys.8



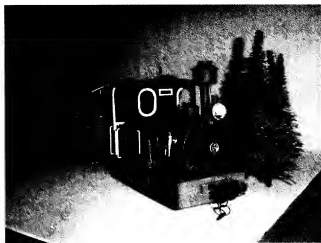
Rys.2

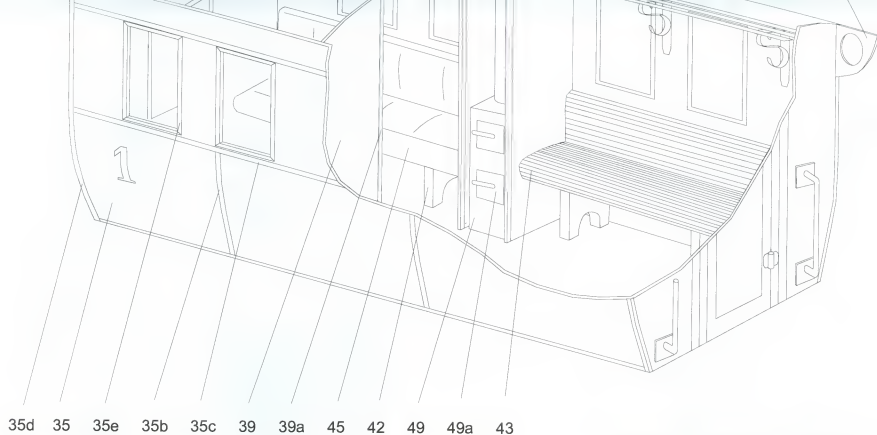


Rys.6

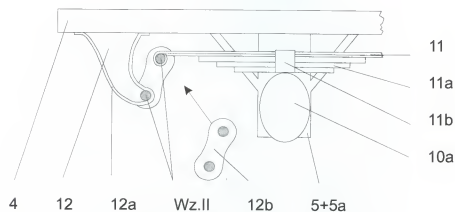


Rys.7

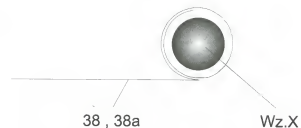




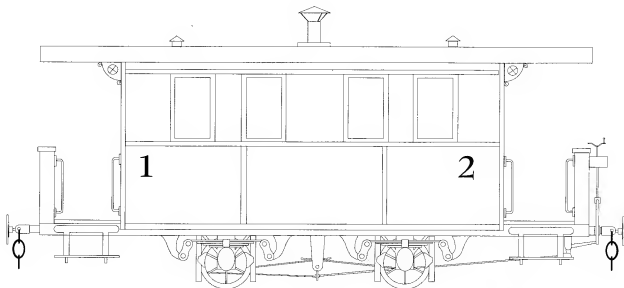
Rys.10 Pudło wagonu osobowego



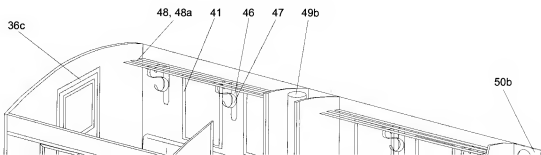
Rys.3 Zawieszenie i resorowanie
(wagony osobowe, kryty i
węglarka - identycznie)



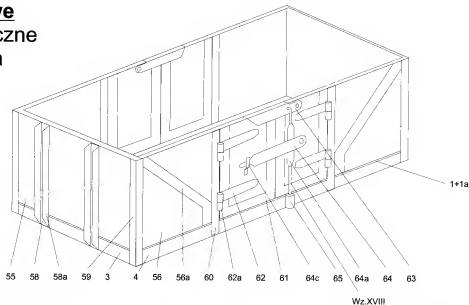
Rys.9 Sposób zwijania zawiasów - wagon osobowy



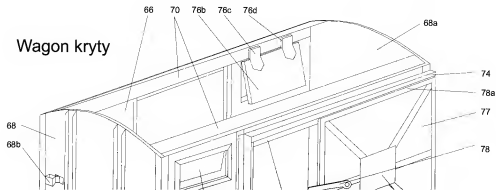
Rys.1 wagon osobowy - widok ogólny



Wagony towarowe
rzuty perspektywiczne
oraz szczegóły dla
wagonu krytego

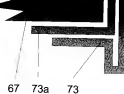
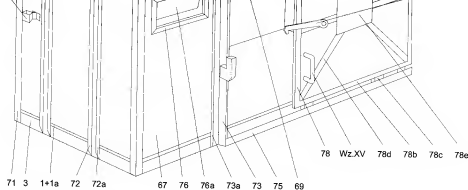


Wagon kryty

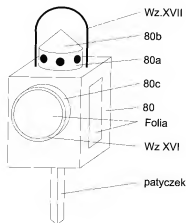
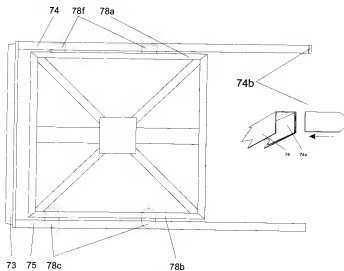


Wagon - węglarka



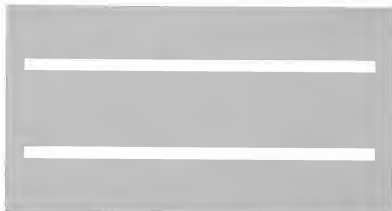


Ukształtowanie cz.73



Lampa naftowa

Prowadnice drzwi, ułożyskowanie

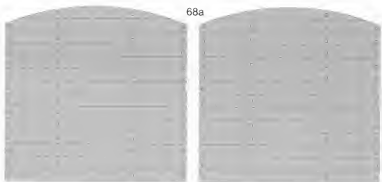


79**

79a



68a



WAGONY TOWAROWE



1



66a



67a

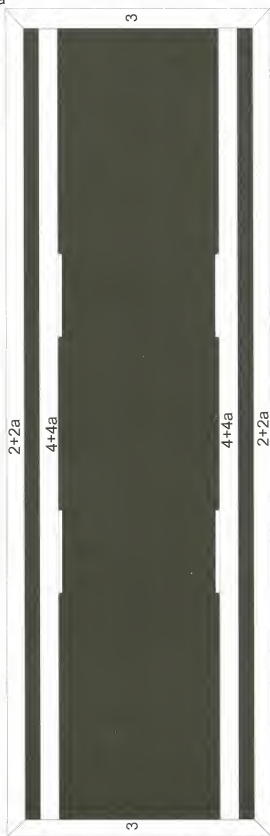
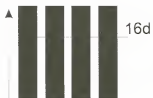
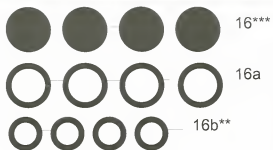


REZERWA



76b





3

4+4a

2+2a

3

16d

50**

2

3

2a***

4

WAGONY OSOBOWE



3



10

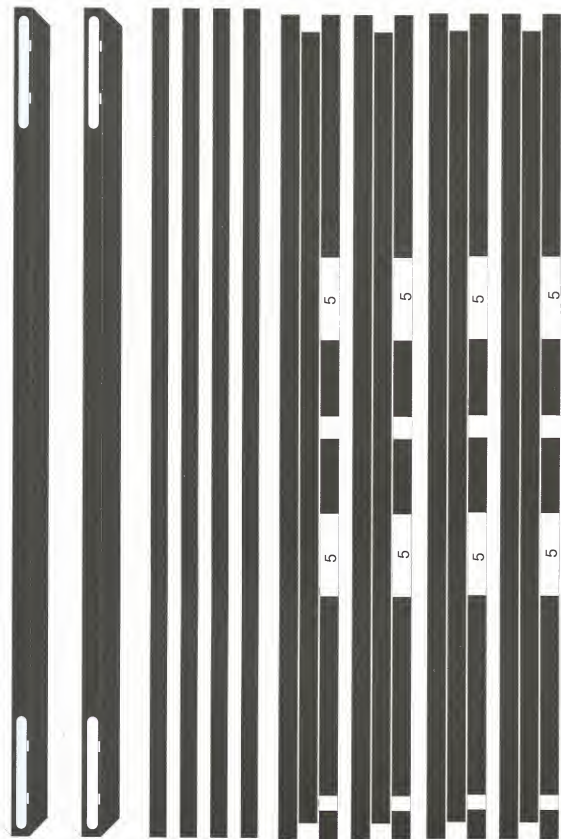


10a**

2a***

4

4a***





10



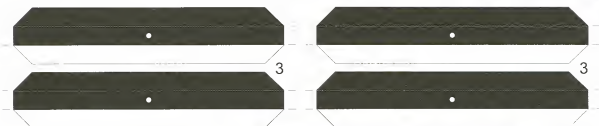
10a**



13**



15***

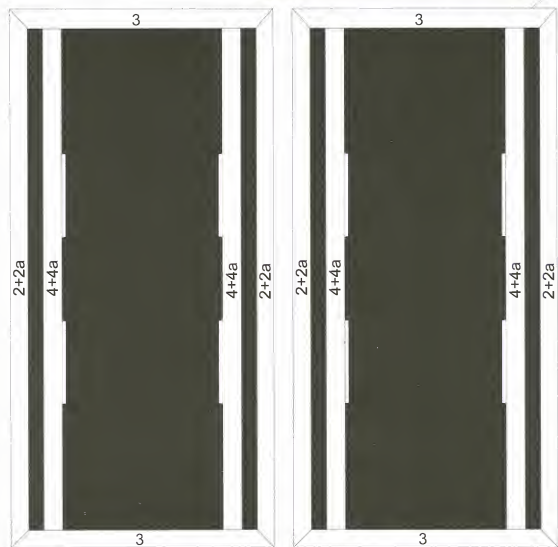


3

3



8**



3

3

2+2a

4+4a

4+4a

2+2a

2+2a

4+4a

4+4a

2+2a

3

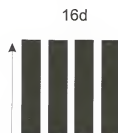
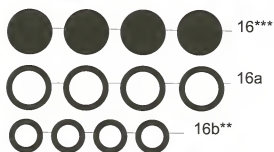
3

1a

2



WAGONY TOWAROWE



4a***

9*

2a***

5

5

5

5

5

5

5

5

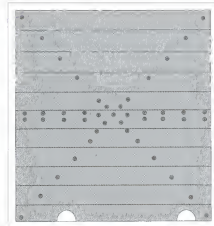
70



79b



77a



75



12***



11*

12b*



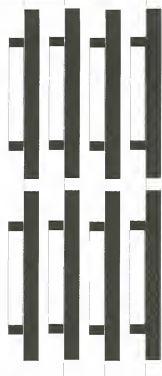
12a

10b



6 - zwiżać na pręcie fi 2,5mm



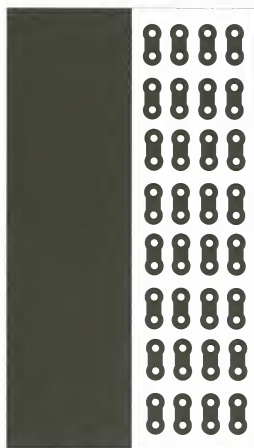


11*

10b



12b*



11a



11b

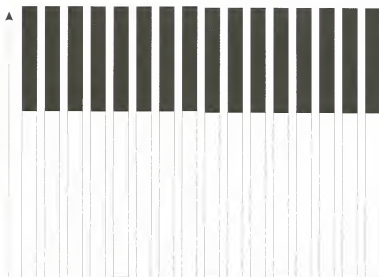
5**



5a

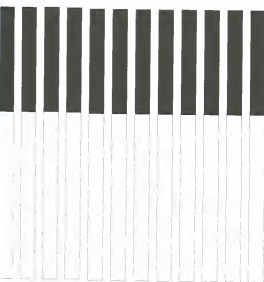


6 - zwińać na pręcie ϕ 2,5mm



12***

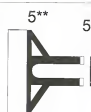




11a



11b



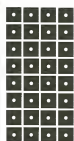
5**

5a



7 - zwińać na wałku fi 15 mm

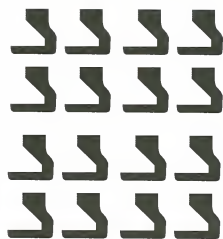




54***



31



34**



50b***

50c,d



51a

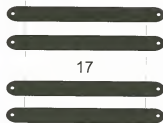


51c***



53a

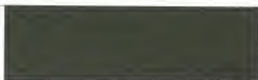
49b



17



8**



37d



37b



24a

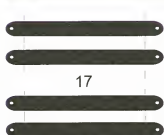
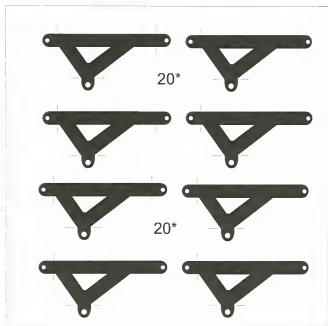
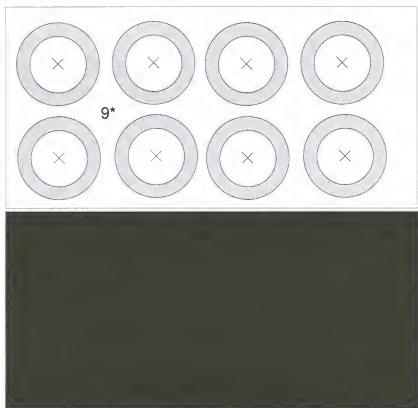


51b

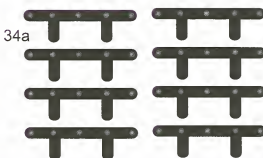
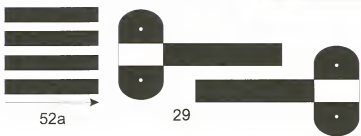
WAGONY OSOBOWE

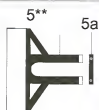
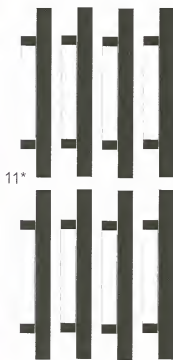
Zapas koloru





23**
24**
25**





7 - zwińc na waku fi 15 mm



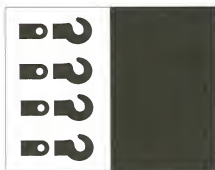
WAGONY OSOBOWE



14**



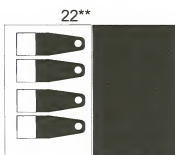
21



15***



21a



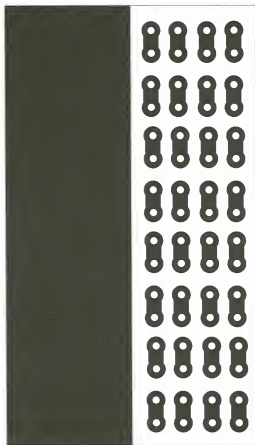
22**



12a



18



12b*



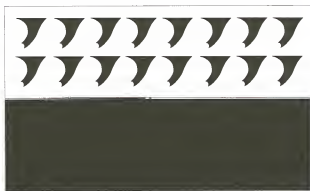
11a



10b



13**



12***

6 - zwiłacz na pręcie ϕ 2,5 mm



11b



28



W

37c



W

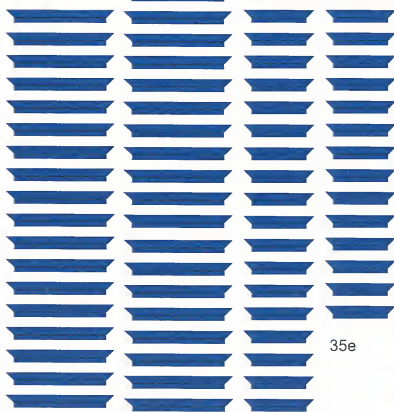
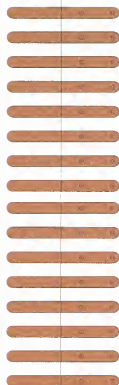
37c



43

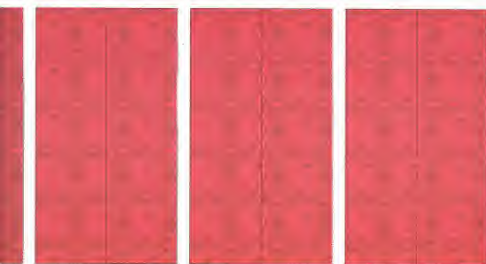
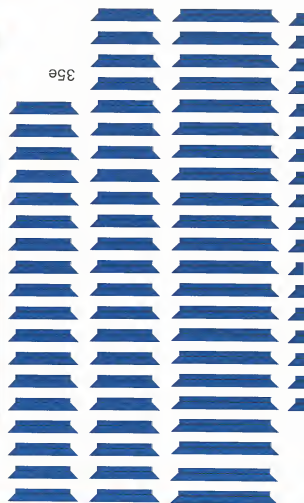
46

47

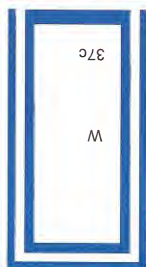


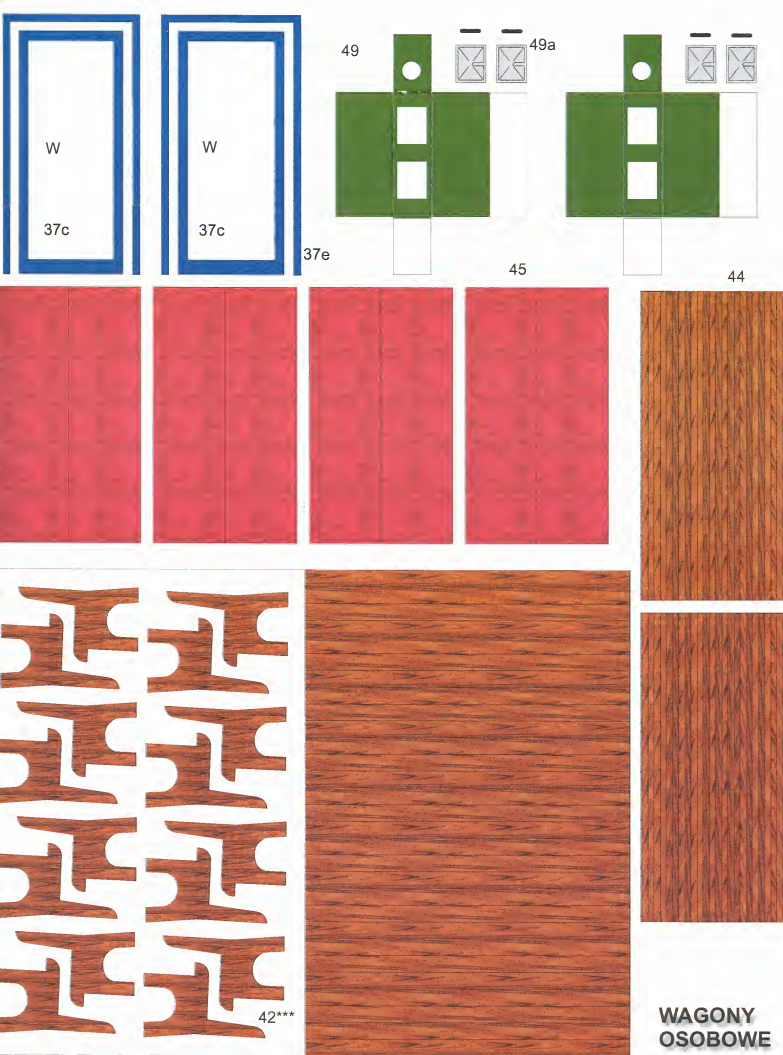
35e



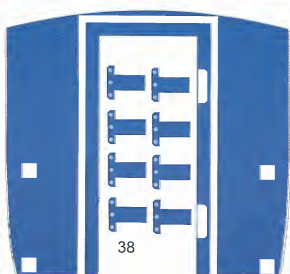
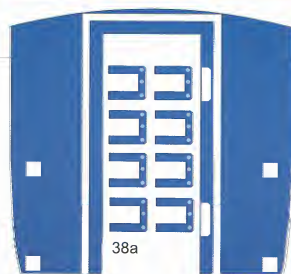
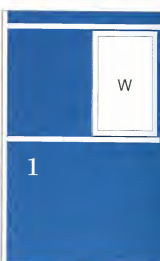
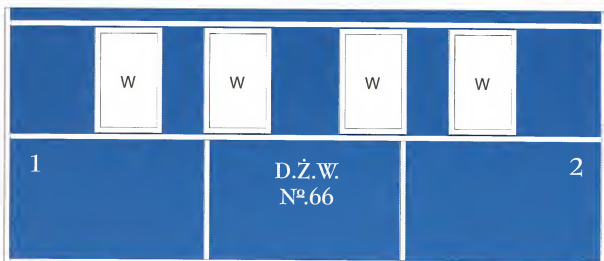
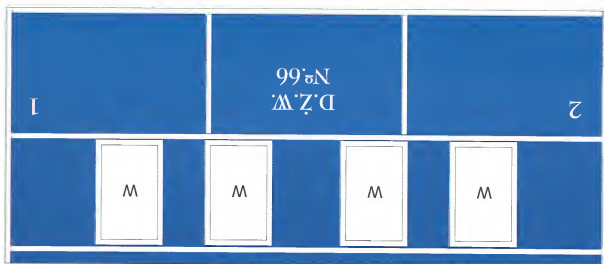


37e





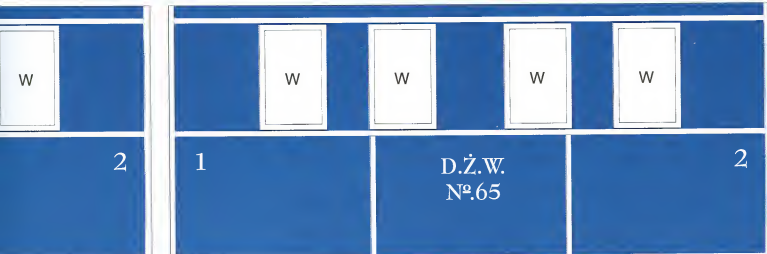
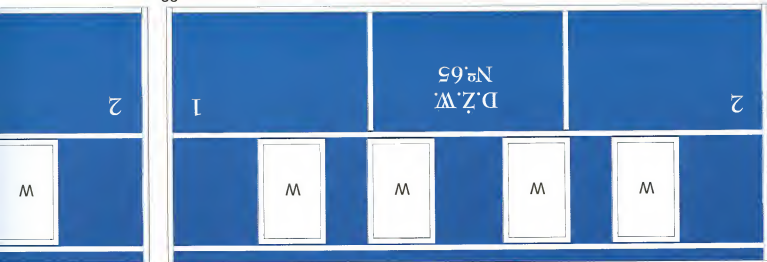
35***



35c



35***



36***



37***



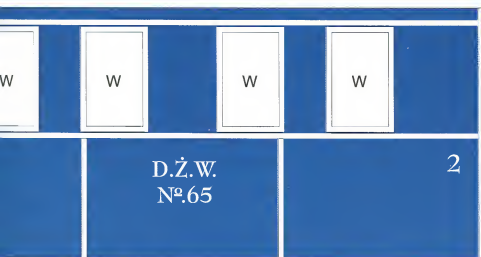
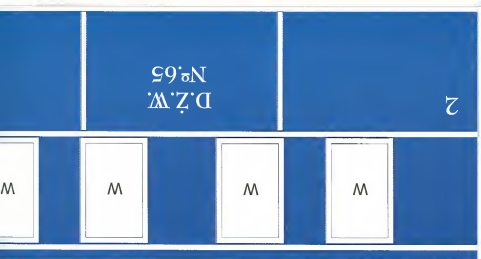
35d

Zapas

35b



WAGONY OSOBOWE



35d

Zapas

35b



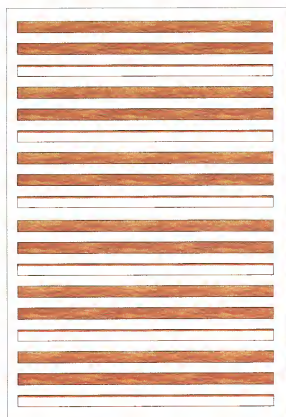
WAGONY OSOBOWE

27**



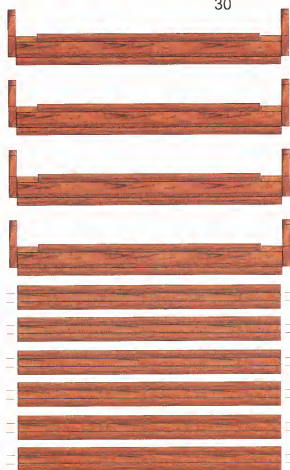
37***





48a

30



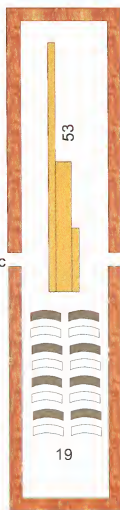
40



53

32a

36c



53

19



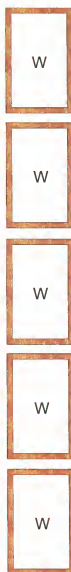
W

W

W

W

W



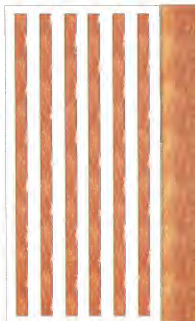
W

W

W

W

W

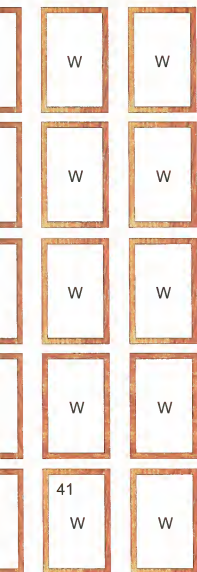


WAGONY
OSOBOWE



19

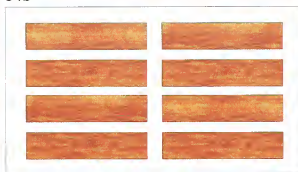


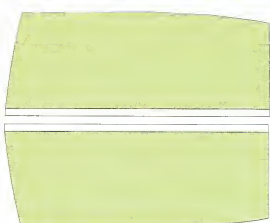
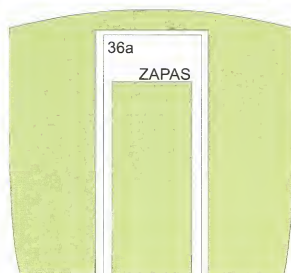
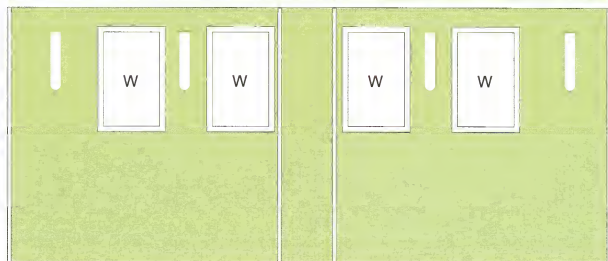
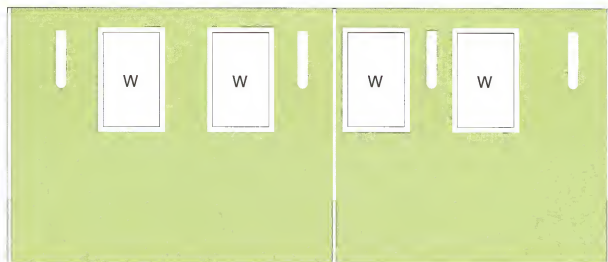


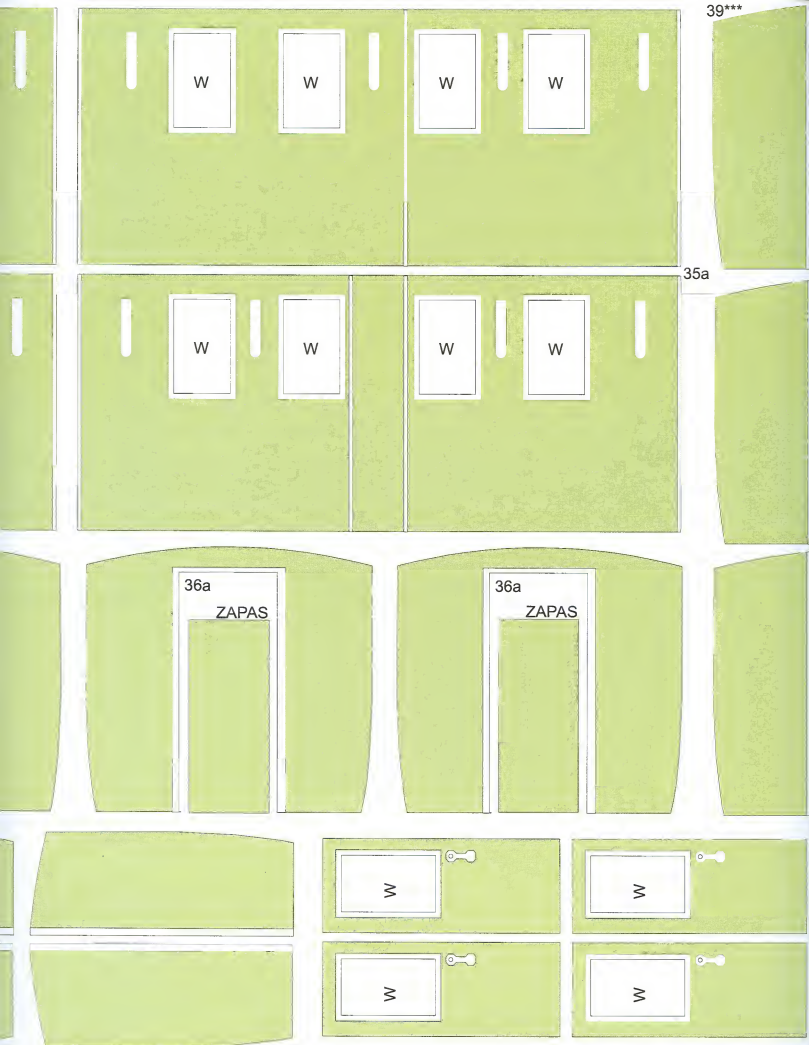
48

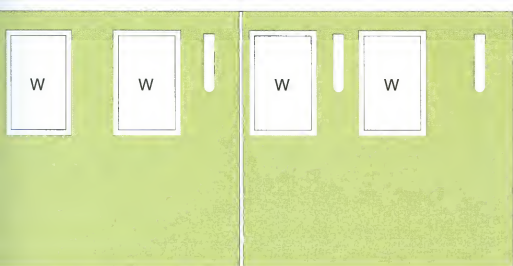


34b***



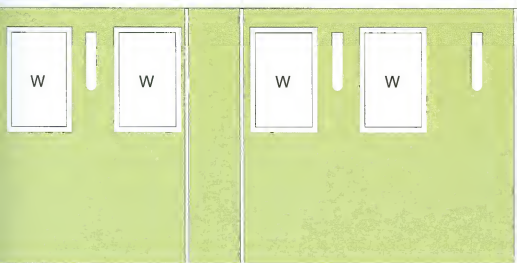
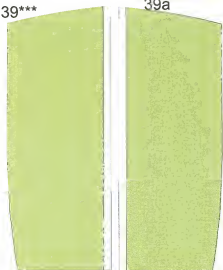




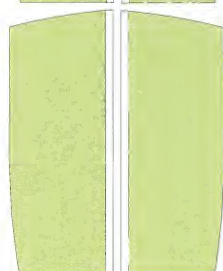
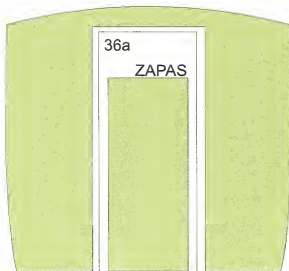


39***

39a

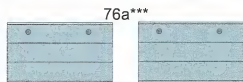
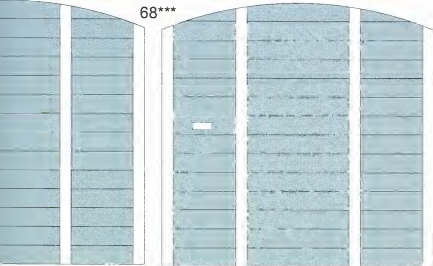


35a



37a

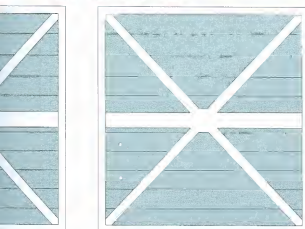
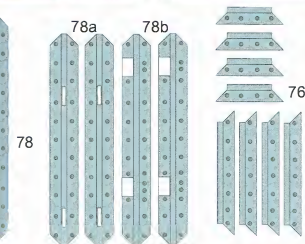
WAGONY OSOBOWE



78f***



78g i h***



77***

Wz. XVII



78e



76c

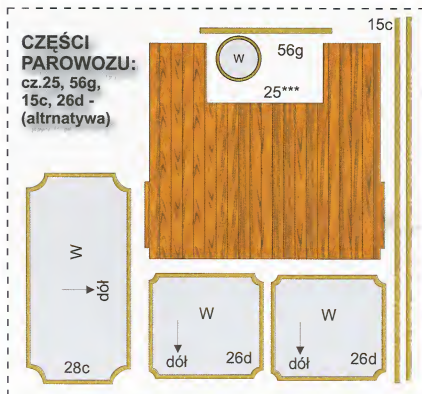
Wz. XVI



76d**

Wz. XVIII - drut fi 1mm

Wz. XV



ZAPAS



WAGONY TOWAROWE + PAROWÓZ

78d

74b**

68b

72a

68***

78f***

78

78a

78b

76

**CZĘŚCI
PAROWOZU:**
cz.25, 56g,
15c, 26d -
(alternatywa)

W
↓
dół

28c

W
↓
dół

77***

Wz. XVII

78e

76c

Wz. XVI

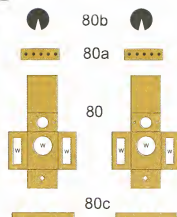
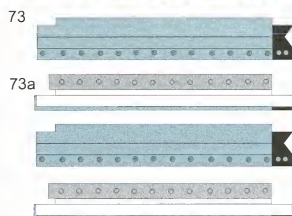
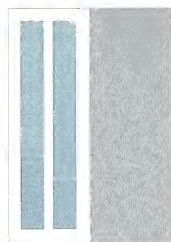
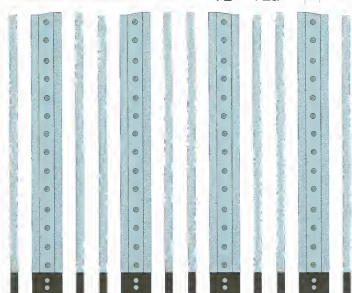
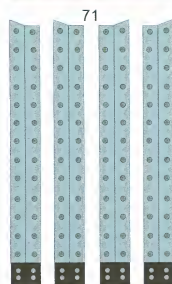
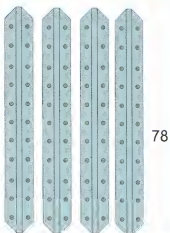
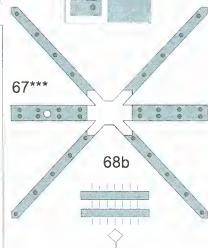
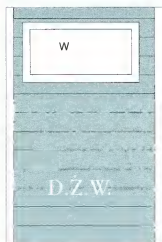
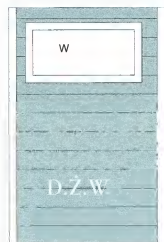
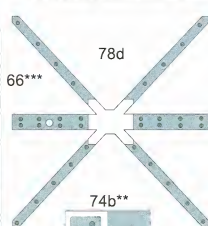
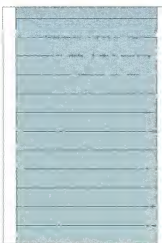
76d**

Wz. XVIII - drut fi 1mm

Wz. XV

ZAPAS

WAGONY TOWAROWE





56***

64a



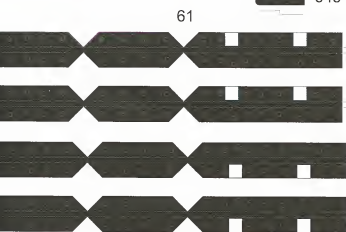
64



60



62



61

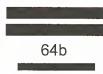
64c



59



65



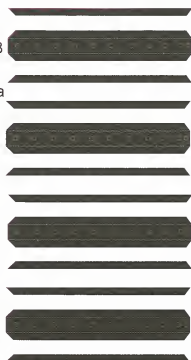
64b



56a

58

58a



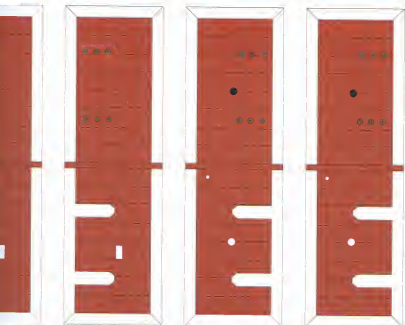
62a

63



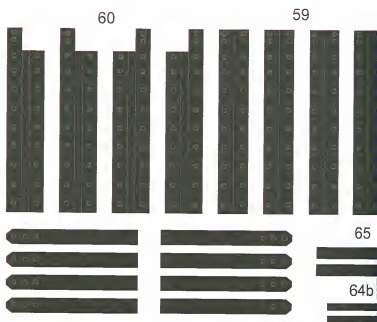
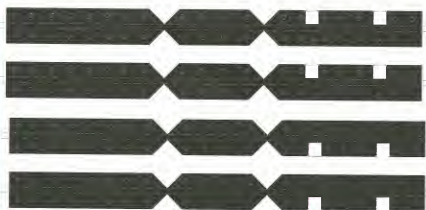


56**



57**

ZAPAS



62

61

64c



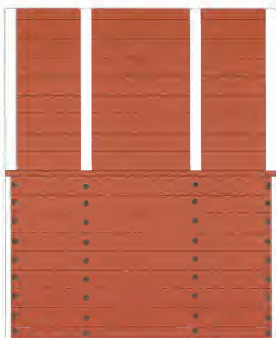
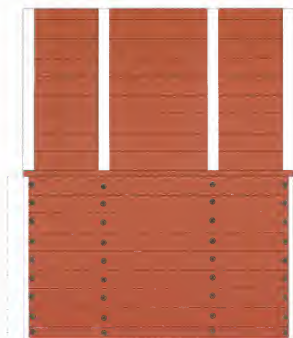
56a

65

64b

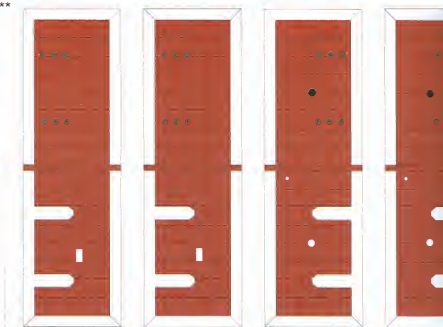
59

60



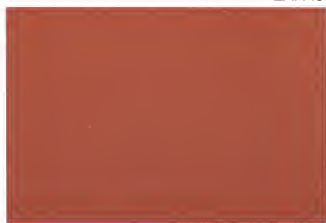
55***

1***



57***

ZAPAS



WAGON TOWAROWE

